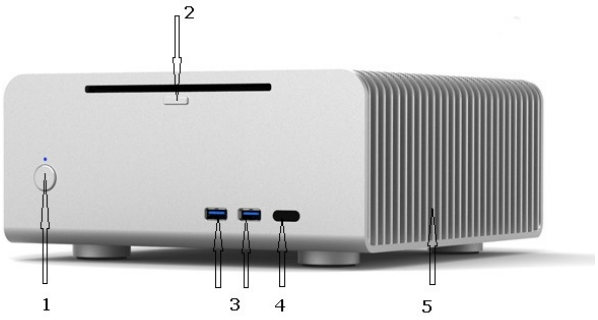
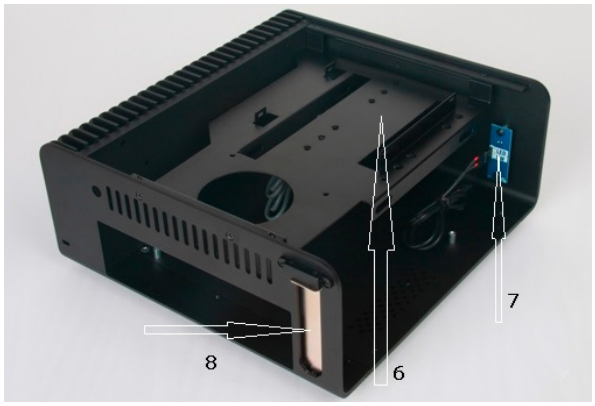
FLM-7 and FLM-8
User Guide

Thank you for purchasing our product.
If you have any questions that are not covered in this manual, please contact us by phone or e-mail at Sales@PerfectHomeTheater.com.

Overview

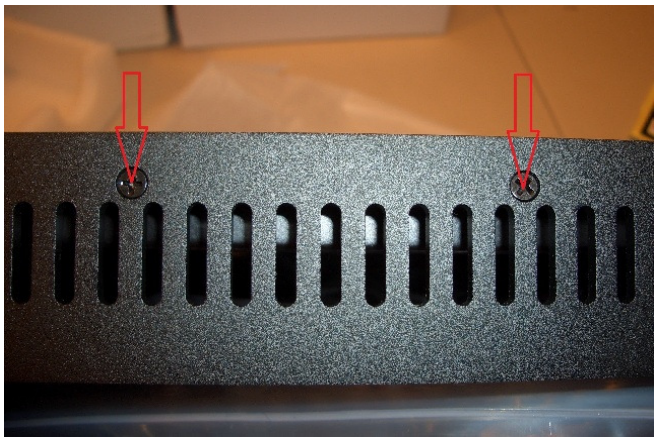


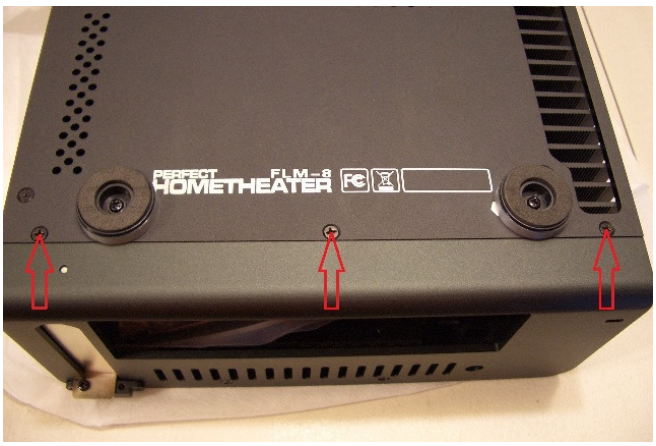


1 Power Button & LED
2 ODD Eject Button
3 USB Ports 2.0 & 3.0* (optional cable required. Sold separately)
4 IR Receiver window
5 Heatsink
6 HDD/ODD Cage
7 Power Button PCB
8 Half size slot

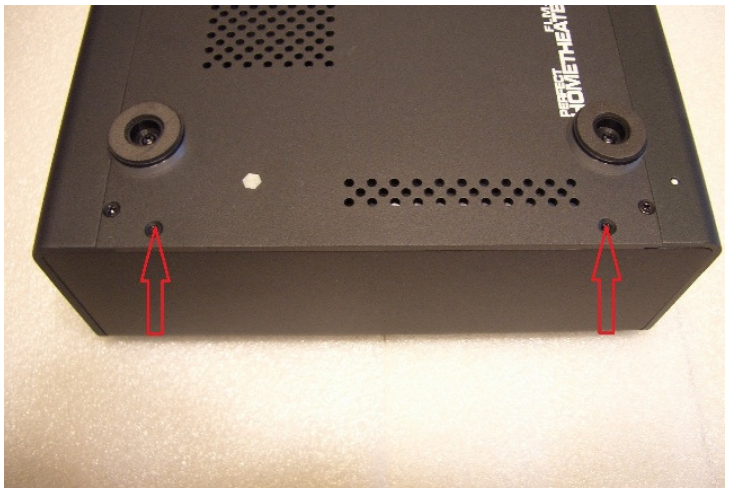
Removing top panel.

Attention:
Our chassis are built with very small gaps between front, top and back, so please be careful when removing and reinstalling top panel. To avoid scratches, please loose two screws in the back and three screws in the bottom.

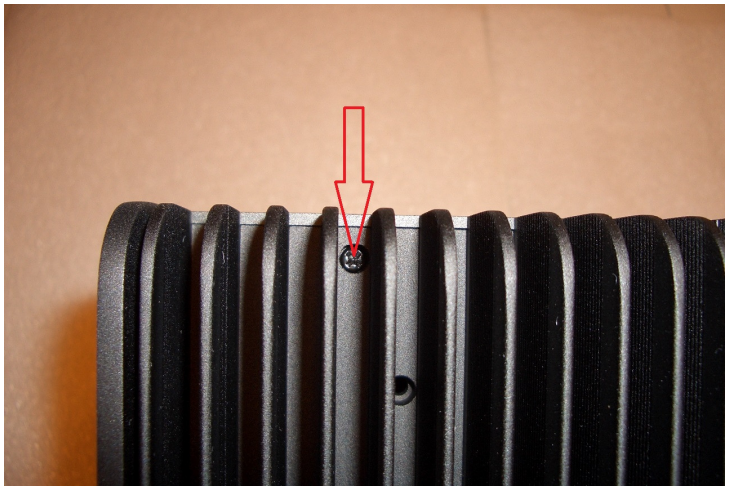


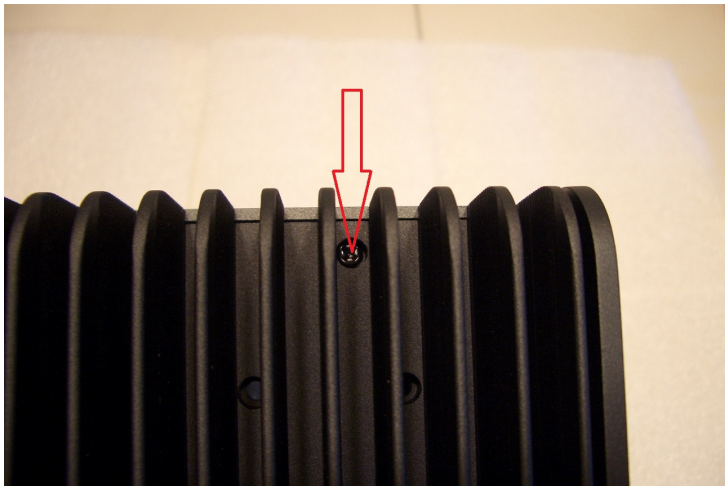


After you loose bottom screws, remove two screws keeping top panel with the bottom.



Turn chassis over plain side 180 deg and remove another two screws from the top panel.

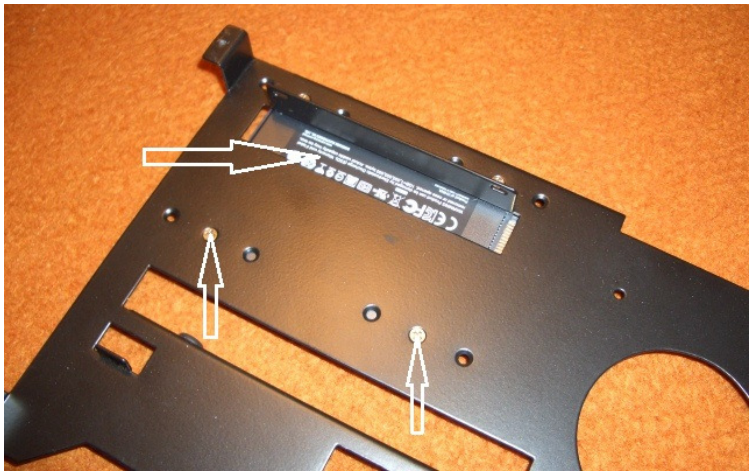




Now remove top panel and put it aside.

Installing HDDs (SSD) and ODD.

ODD/HDD bracket is hold in place by four screws. Please remove screws and remove ODD/HDD bracket.
Now you can install drives on the bracket.
First 2.5” HDD on the bottom. (If you install two 2.5” HDs). Next install SSD and ODD on the top.



2.5” HD and mounting screws.

If you didn’t install 2.5” HD and want to install 3.5” HD, do it now.
Put HD between rubber dampers and use HD screws. Do not over tighten.

All drivers on the bracket.

Put bracket with drivers aside and prepare motherboard.

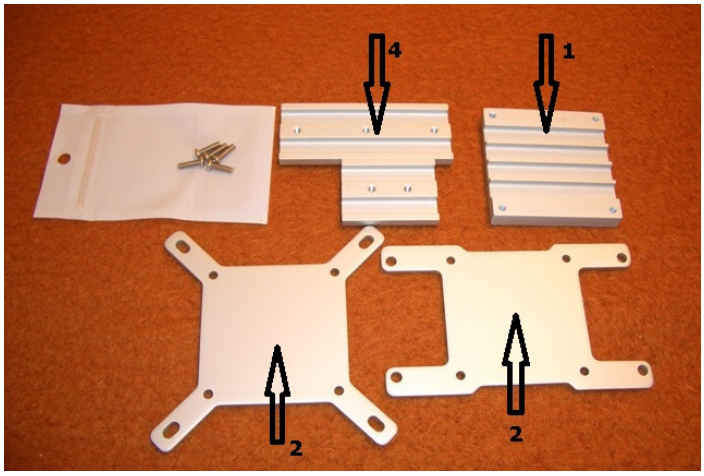
Motherboard installation

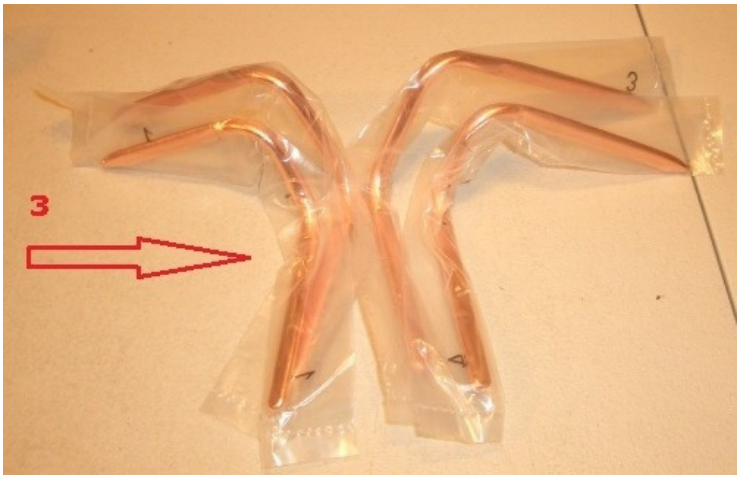
Before installing motherboard into chassis please stick four CPU cooler mounting nuts on the bottom of motherboard.
Next install CPU and memory on motherboard, install back plate and motherboard inside of chassis.

Cooling system

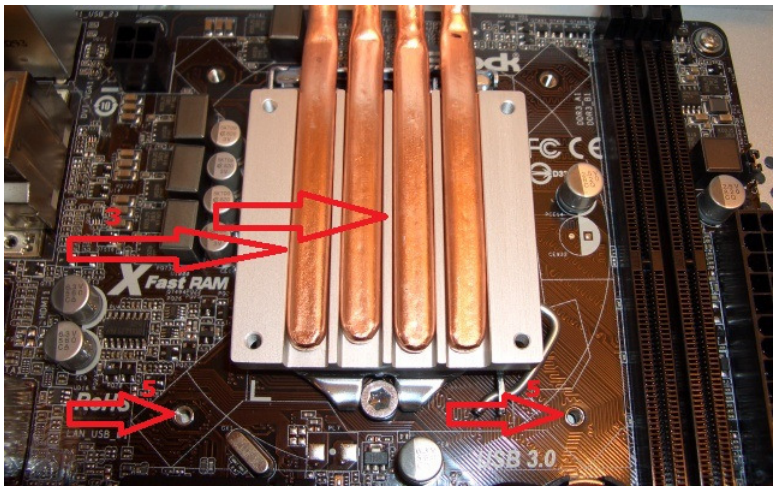
These are following parts of cooling system:

1. Lower CPU plate
2. Upper CPU plate (Intel or AMD)
3. Heat Pipes (Attention: heat pipes are numbered.)
4. Heatsink blocks. (With threaded openings for M3 screws)





Apply small amount of thermal paste on CPU and put lower plate on CPU.
Apply thermal paste on both sides of thermal pipes (3) and install pipes 1 and 2 first. Do not tighten any screws yet. Than install pipes 3 and 4. Do not tighten any screws.
Screws mounting heatsing blocks on the heatsink have to be inserted into blocks from outside IN!



You can see nuts installed on the bottom of motherboard – 5

Apply thermal paste on pipes and put upper plate (2)

Prepare long screws.

Install upper plate, and put long screws with springs but not tighten them yet.
Next fasten screws keeping both plates together.

Now, when everything is perfectly arranged, tighten long screws first. Use fingers only do not use wrench.
Then tighten screws keeping blocks and radiator together. Pipes still can move toward radiator.
Now use supplied wrench and tighten screws keeping both plates together. Do not over tighten!
Check long screws and tighten them if necessary.

Attention: It is possible, that some motherboard have CPU socket closer to back than motherboard used here. In this situation bending pipes 1 and 2 slightly toward pipes 3 and 4 may be required. Please let me know if this is a case with your motherboard.

Now it's time to connect PSU and cables, install bracket with drives and test it. If everything is OK, install top cover and enjoy your PC.

PERFECT HOMETHEATER